



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

NOV 13 2000

☐ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☐ FOR AN OIL WELL ☒ FOR GAS WELL

NAME OF COMPANY OR OPERATOR William Jewell College		DATE November 6, 2000	
ADDRESS 500 College Hill	CITY Liberty	STATE MO	ZIP CODE 64068-1896

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE William Jewell College Fee Lands	WELL NUMBER WJC#2	ELEVATION (GROUND) 879
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WELL LOCATION (GIVE FOOTAGE FROM SECTION LINE) 1788.27 FT. FROM (N)(S) SECTION LINE 2558.98 FEET FROM (E)(W) SECTION LINE

WELL LOCATION SECTION 5	TOWNSHIP 51N	RANGE 31W	COUNTY Clay
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NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 700 FEET
DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED — FOR WELL ON THE SAME LEASE _____ FEET

PROPOSED DEPTH 600'	DRILLING CONTRACTOR, NAME AND ADDRESS Evans Energy Development, Inc. P.O. Box 266 Paola, KS 66071	ROTARY OR CABLE TOOLS Air Rotary	APPROX. DATE WORK WILL START Nov 1, 2000
NUMBER OF ACRES IN LEASE	NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR <u>2</u>		NUMBER OF ABANDONED WELLS ON LEASE <u>0</u>

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?
NAME _____ ADDRESS _____

NO. OF WELLS: PRODUCING 0
INJECTION 0
INACTIVE 0
ABANDONED 0

STATUS OF BOND	<input checked="" type="checkbox"/> SINGLE WELL AMOUNT \$ 1,000.00	<input type="checkbox"/> BLANKET BOND AMOUNT \$	<input type="checkbox"/> ON FILE <input type="checkbox"/> ATTACHED
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REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE; USE BACK OF FORM IF NEEDED.)

PROPOSED CASING PROGRAM				APPROVED CASING — TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
20	8 5/8	3.2	105x	20'	8 5/8"		
600	4 1/2	9.5	1105x	600'	4 1/2"	9.5	To surface

I, the undersigned, state that I am the VP for Administrative Services of the William Jewell College (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE _____ DATE _____

PERMIT NUMBER 20013	<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED	<input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN
APPROVAL DATE 11/12/00	<input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN	<input checked="" type="checkbox"/> DRILL STEM TEST INFO. REQUIRED IF RUN
APPROVED BY <i>[Signature]</i>	<input type="checkbox"/> SAMPLES REQUIRED	
	<input checked="" type="checkbox"/> SAMPLES NOT REQUIRED	
	<input type="checkbox"/> WATER SAMPLES REQUIRED AT _____	

NOTE: THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE.

I, Scott A. Evans of the Evans Energy Dev, Inc Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE <i>[Signature]</i>	DATE 10/17/2000
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

RECEIVED
NOV 13 2000
FORM OGC-4

OWNER William Jewell College		MO Oil & Gas Council WJC2	
LEASE NAME Fee Acreage		COUNTY Clay	
_____ FEET FROM _____ SECTION LINE AND _____ FEET FROM _____ SECTION LINE OF SEC. _____, TWP _____, RANGE _____			
(N) - (S)		(E) - (W)	



SCALE
1" =

See attached

REMARKS

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

(SEAL)

REMIT TWO (2) COPIES TO:
MISSOURI OIL AND GAS COUNCIL
P.O. BOX 250, ROLLA, MO 65401

REGISTERED LAND SURVEYOR

NUMBER

Ordered By: DIRECTOR OF FACILITIES MANAGEMENT - WILLIAM JEWELL COLLEGE

NOV 13 2000

LEGAL DESCRIPTION:

A point located in the Southwest Quarter of Section 5, Township 51 North of the Baseline, Range 31 West of the Fifth Principal Meridian, all in the City of Liberty, Clay County, Missouri and being more particularly described as follows:

Commencing at the Southwest corner of said Section 5;

(all the following bearings are based upon the Missouri State Plane Coordinate System of 1983, Missouri West Zone)

thence North 89°57'50" East along the South line of the Southwest Quarter of said Section 5, a distance of 2627.82 feet to the South 1/4 corner of said Section 5;

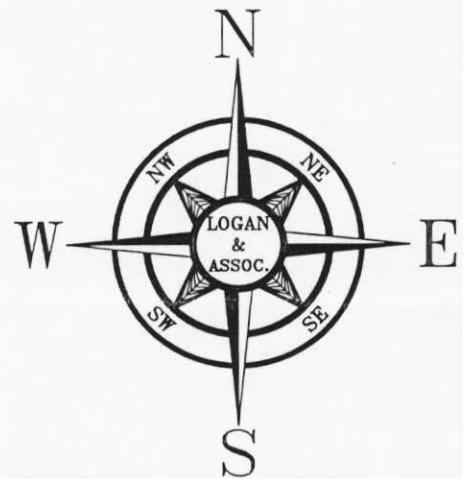
thence North 00°20'41" East along the East line of the Southwest Quarter of said Section 5, a distance of 1788.27 feet to a point;

thence South 89°57'50" West and parallel with the South line of said Southwest Quarter, a distance of 64.84 feet to the center of a gas well as located and the point of termination.

POINT OF TERMINATION

CENTER OF GAS WELL
GRID N:342969.281
GRID E:857968.885
ELEVATION: 878.96' FT.

S89°57'50"W 68.84'



SCALE IN FEET

BASIS OF BEARING:
THE MISSOURI STATE PLANE
COORDINATE SYSTEM OF 1983,
SOUTH LINE OF SECTION 5-T51N-R31W
MISSOURI WEST ZONE, HELD THE
AS NORTH 89°57'50" EAST

SOUTHWEST QUARTER
SEC. 5-T51N-R31W

SOUTHEAST QUARTER
SEC. 5-T51N-R31W

POINT OF COMMENCING

FOUND RAILROAD SPIKE
@ SOUTHWEST CORNER
SEC. 5-T51N-R31W
SLSA DOC. NO. 600-45590
GRID N:342423.787M
GRID E:857185.704M

FOUND 5/8" IRON BAR
W/ 2" ALUM CAP LS 352D
@ SOUTHEAST CORNER
SEC. 5-T51N-R31W
SLSA DOC. NO. 600-61556
GRID N:342424.799M
GRID E:858787.464M

N00°20'41"E 1788.27'
EAST LINE, SOUTHWEST 1/4, SEC. 5-T51N-R31W
SOUTH 1/4 CORNER
COMPUTED
N89°57'50"E 2627.82'
SOUTH LINE, SEC. 5-T51N-R31W

NOTE: COORDINATES SHOWN HEREON ARE IN METERS AND ARE BASED UPON THE MISSOURI STATE PLANE COORDINATE SYSTEM OF 1983, MISSOURI WEST ZONE, USING A COMBINED GRID SCALE FACTOR OF 0.9999027. THE GRID SCALE FACTOR WAS OBTAINED USING THE FOLLOWING SLSA DOCUMENT NO.'S
DOC. NO. 600-45582 (SOUTHEAST CORNER, SEC. 5-T51N-R31W)
DOC. NO. 600-45591 (NORTHEAST CORNER, SEC. 5-T51N-R31W)
DOC. NO. 600-45596 (NORTHWEST CORNER, SEC. 5-T51N-R31W)
DOC. NO. 600-45590 (SOUTHWEST CORNER, SEC. 5-T51N-R31W)

THIS LEGAL DESCRIPTION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION

DATED:

SIGNATURE:

REGISTRATION NO.

MO PLS 2049 KS PLS 1138
LOGAN & ASSOC. CORP. PLS 352D



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

RECEIVED
Form OGC-5
OCT 10 2001
MO Oil & Gas Council

☐ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☐ OIL ☐ GAS ☐ DRY

OWNER William Jewell College		ADDRESS 500 College Hill, Liberty, MO 64068-1896	
LEASE NAME William Jewell College Fee Lands		WELL NUMBER WJC #2	
LOCATION 1788.27 ft. FSL & 2258.98 ft. FWL		SEC. TWP. AND RANGE OR BLOCK AND SURVEY Sec. 5, 51N-31W	
COUNTY Clay	PERMIT NUMBER (OGC-3 OR OGC-3I) 20013		
DATE SPUDDED 2-2-2001	DATE TOTAL DEPTH REACHED 2-5-2001	DATE COMPLETED READY TO PRODUCE OR INJECT P&A 2/5/2001	ELEVATION (DF, RKR, RT, OR Gr.) FEET 870'
TOTAL DEPTH 600'	PLUG BACK TOTAL DEPTH surface		
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION P & A		ROTARY TOOLS USED (INTERVAL) TO 600'	CABLE TOOLS USED (INTERVAL)
WAS THIS WELL DIRECTIONALLY DRILLED? NO		WAS DIRECTIONAL SURVEY MADE?	DATE FILED
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) Drillers Log see attached			DATE FILED

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
surface	12"	8 5/8	32	20'	8	0

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
none	IN. FEET	FEET	INCH	FEET	FEET	FEET	FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FOOT	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING — IF PUMPING, SHOW SIZE AND TYPE OF PUMP.)					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST bbls.	GAS PRODUCED DURING TEST MCF		WATER PRODUCED DURING TEST bbls.	OIL GRAVITY API (CORR.)
TUBING PRESSURE	CASING PRESSURE	CAL'TED RATE OF PRODUCTION PER 24 HOURS		OIL bbls.	GAS MCF	WATER bbls.	GAS OIL RATIO
DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)							
METHOD OF DISPOSAL OF MUD PIT CONTENTS							

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE _____ OF THE _____ COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE	SIGNATURE

INSTRUCTIONS: ATTACH DRILLERS LOG OR OTHER ACCEPTABLE LOG OF WELL.

* SHOW ALL IMPORTANT ZONES OF POROSITY, DETAIL OF ALL CORES, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

DETAIL OF FORMATIONS PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * ABOVE)
See attached driller well log.			



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

RECEIVED FORM OGC-7

OCT 10 2001

OWNER William Jewell College		ADDRESS 500 College Hill, Liberty, MO 64068-1896			
NAME OF LEASE William Jewell College Fee Lands		WELL NUMBER WJC2	PERMIT NUMBER (OGC-3 OR OGC-31 NUMBER) 20013		
LOCATION OF WELL 1788.27 ft. FSL & 2258.98 ft. FWL		SEC-TWP-RNG OR BLOCK & SURVEY Sec. 5, 51N-31W		COUNTY Clay	
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF William Jewell College		HAS THIS WELL EVER PRODUCED OIL OR GAS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBLS/DAY) GAS (MCF/DAY)	
DATE ABANDONED 2-5-2001		TOTAL DEPTH 600'		AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBLS/DAY) GAS (MCF/DAY) -0- -0-	
WATER (BBLS/DAY) -0-					
Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment.		Fluid content of each formation		Depth interval of each formation	
See attached detailed Well Log.				Size, kind, & depth of plugs used, giving amount cement.	
				Plugged with drilling	
				drilling mud from	
				600-300' & 80 sacks of	
				cement from 300' to surface	
SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)	GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.)	PACKERS AND SHOES
8 5/8	20'	0	17	total cut 3'	none
WAS WELL FILLED WITH MUD-LADEN FLUID? see drillers well log			INDICATE DEEPEST FORMATION CONTAINING FRESH WATER no water in this drill hole		
NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
NAME		ADDRESS		DIRECTION FROM THIS WELL	
William Jewell College Fee Lands					
METHOD OF DISPOSAL OF MUD PIT CONTENTS		air dry & backfill			
NOTE FILE THIS FORM IN DUPLICATE WITH: (USE REVERSE SIDE FOR ADDITIONAL DETAIL)					
CERTIFICATE I, the undersigned, state that I am the _____ of the _____ (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.					
SIGNATURE				DATE	

[illegible]

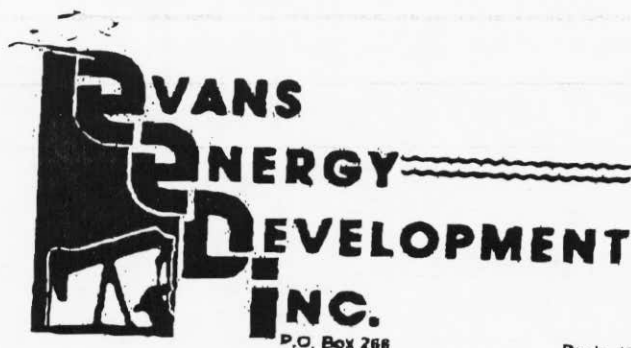
* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.

RECEIVED

OCT 10 2001

MO Oil & Gas Council

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation(913)557-9083
FX (913)557-9084

P.O. Box 268

Paola, Kansas 66071

WELL LOG

William Jewell College Free Lands

WJC #2

Permit #20013

February 2 - February 5, 2001

Thickness of Strata	Formation	Total
4	soil & clay	4
6	shale	10
5	limestone	15
29	shale	44
5	limestone	49
5	shale	54
13	limestone	67
23	shale	90
2	limestone	92
12	shale	104
6	limestone	110
2	shale	112
17	limestone	129
12	shale	141
13	limestone	154
11	shale	165
5	limestone	170 base of Kansas City
98	shale	268
9	sandy shale	277
9	shale	286
6	limestone	292
36	shale	328
8	limestone	336
16	shale	352
6	limestone	358
2	shale	360
5	brown sand	365 oil show, good bleeding
5	shale	370
5	limestone	375
15	shale	390 black
8	shale	398
2	limestone	400
10	shale	410 black
5	limestone	415 Fort Scott Limestone member
39	shale	454 Cherokee shale

